

Meeting Minutes X

[REROUTE – Group 16]

Meeting Minutes

Date: [02/14/2025] – Friday

Time: [10 am]

Location: Virtual

Facilitator/Chairperson: [Travis]

Note Taker: [Andrew Pauls]

1. Attendance

Present:

- [Cole Corbett - Developer]
 - [Cam Carvalho– Developer]
 - [Tristan Arana Charlebois – Developer]
 - [Jordan Wallace - Developer]
 - [Turner Kassie – Scrum Master]
 - [Andrew Pauls – Product Owner]
-

2. Agenda Overview

(List key discussion topics in order of the agenda)

1. [Graphopper Settings]
 2. [Backend – Hook, RabbitMQ, Hosting Locally]
 3. [Next Steps]
-

3. Discussion & Key Points

Topic 1: [Graphopper]

- **Summary:** [Cole spoke on a not very well understood process in the GA implementation. GA is using coordinates with library called Graphopper, which uses OSM to compute fitness for GA by finding the time/distance it takes to traverse between locations. Graphopper facilitates multiple flags for routing, such as avoiding unpaved roads, tolls, etc..]
- **Decisions Made:** [GeoJSON format is working for backend, route data must be converted to GeoJSON data for backend at some point in the chain of transmission]

- **Action Items: [1]** – Jordan to ensure frontend is converting Google marker locations correctly into GeoJSONs, and vice versa.

Topic 2: [Backend Server, Hook, RabbitMQ, Local Hosting]

- **Summary:** Cam explained his recent pushes he made in collaboration with Jordan. Essentially, the frontend is communicating with backend GA, RabbitMQ facilitating message passing. Google maps directions markers converting locations into GeoJSONs, and vice versa. Backend is returning the locations in an ordered list of where to go first, second, etc. Cam is hosting the activity locally.

Topic 3: [Next Steps]

- **Summary:** Progress report coming due shortly, each team member to send Travis their contributions thus far so he can write up each persons work for report. Frontend (Jordan) to facilitate vehicle/route settings optionality, such as road type, avoid tolls, etc. Tristan to save vehicle/route settings with save route feature in db. Sprint 2 to commence in two days, Feb 16. Next meeting will entail Review, Sprint 3 Planning. Due to reading week, Tuesday meeting will be skipped. Plan to meet Friday Feb 21.
- **Action Items: [2]** - Everyone to continue working on their respective assignments
- [3] – Each team member to send their individual contributions to Travis
- [4] – Travis to write, submit progress report

4. Action Items & Next Steps

Action Item	Assigned To	Due Date	Status
[Task 1]	Jordan	Feb 21	pending
[Task 2]	All	ongoing	pending
[Task 3]	All	Feb 17	pending
[Task 4]	Travis	Feb 21	pending

5. Additional Notes / Other Business

- Reading week incoming, next meeting in one week, Friday Feb 21
- Andrew was away for Dr's Apt. previous meeting, Tuesday Feb 11. No minutes were taken.

6. Next Meeting Details



Date & Time: [Feb 21, 2025 at 10:00] Tuesday



Location: [Schmon Tower 237A or via virtual link]



Key Topics for Next Meeting:

1. [Sprint Review]

3. [Sprint Planning]

 **Meeting Adjourned at:** [11:35 a.m.]

 **Minutes Prepared By:** [Andrew Pauls]